

INTERNATIONAL SEARCH REPORT

International Application No

PCT/DE 03/01005

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B21K1/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B21K B21J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 37 18 884 A (K LANGE FORSCHUNGSGESELLSCHAFT) 29 December 1988 (1988-12-29) column 2, line 6 - line 18 column 4, line 2 - line 18; figure 3	1, 6, 9, 16, 19
A	EP 1 005 932 A (SMS EUMUCO GMBH) 7 June 2000 (2000-06-07) column 1, line 58 - column 2, line 23	1, 16
A	EP 0 322 770 A (HITACHI POWDERED METALS ;MH CENTER LTD (JP)) 5 July 1989 (1989-07-05) figure 1	1, 16
A	DE 100 21 189 A (HAUK STEFAN) 25 January 2001 (2001-01-25) the whole document	1

 Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search

4 July 2003

Date of mailing of the International search report

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INTERNATIONAL SEARCH REPORT
Information on patent family members

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